



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Graham MENSA-WILMOT, et al.  
Serial No.: 09/827,131

Art Unit : 3671  
Examiner : Meredith  
Petravick

Filed : April 5, 2001  
Title : A DRILL BIT HAVING LARGE DIAMETER PDC CUTTERS

Assistant Commissioner for Patents  
Washington, DC 20231

**REPLY UNDER 37 CFR § 1.111**

Dear Sir:

In response to the Office Action dated July 3, 2002, please amend the application as follows and consider the included remarks.

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## IN THE SPECIFICATION:

## GROUP 3600

Please replace the specification with the attached substitute specification. A marked up version of the specification showing insertions and deletions is attached as Appendix A. No new matter has been added.

IN THE CLAIMS:

Please amend the claims as follows. A marked up version of the claims showing insertions and deletions is attached as Appendix B.

1. (Amended) A drill bit comprising:

a bit body having at least one blade thereon; and

at least one polycrystalline diamond compact cutting element disposed on the at least one blade, wherein a diameter of the at least one polycrystalline diamond compact cutting element is within a range of greater than 20.0 mm, but less than 25.0 mm.

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01 FC:102  
02 FC:103